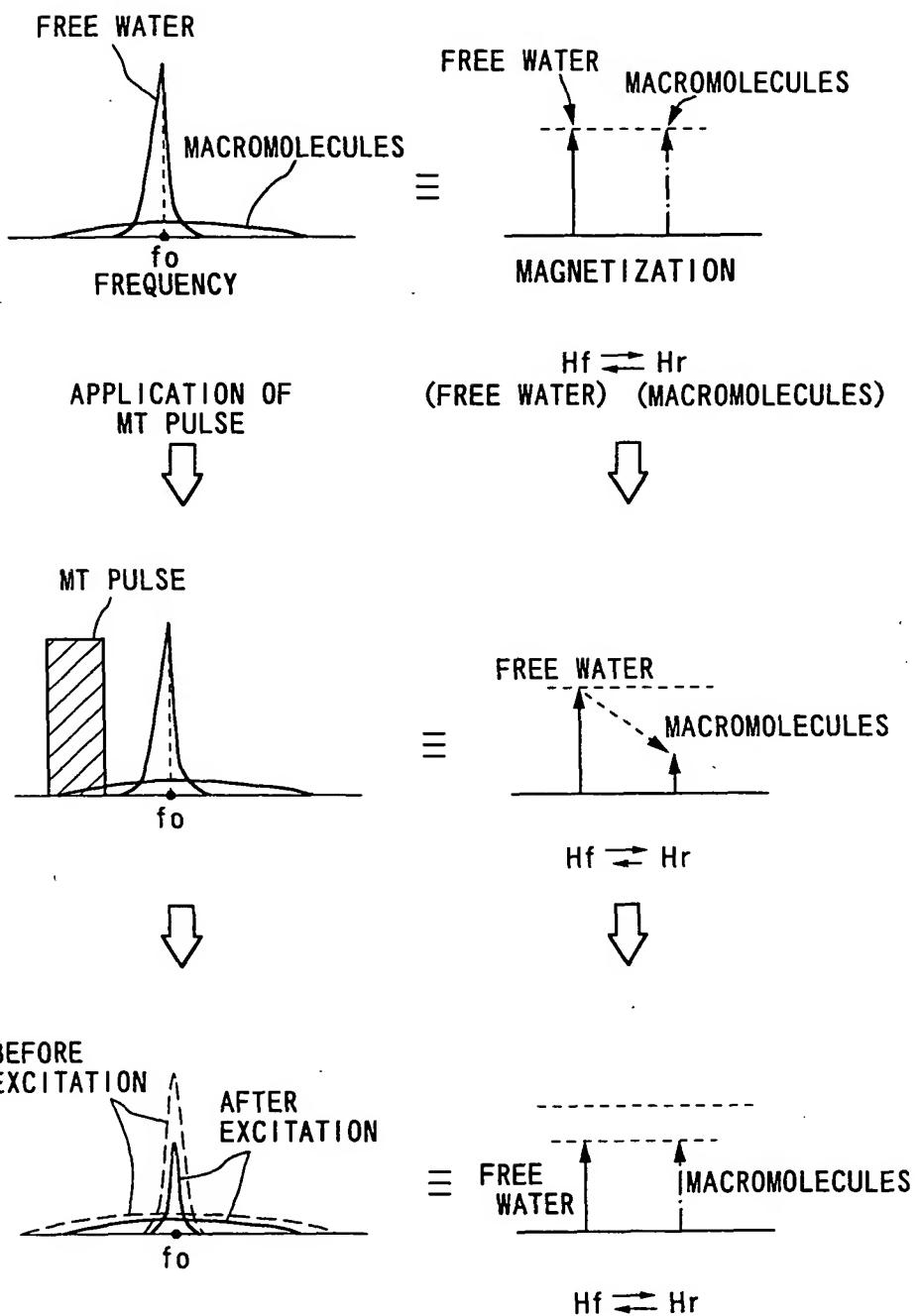


FIG. 1A
PRIOR ART



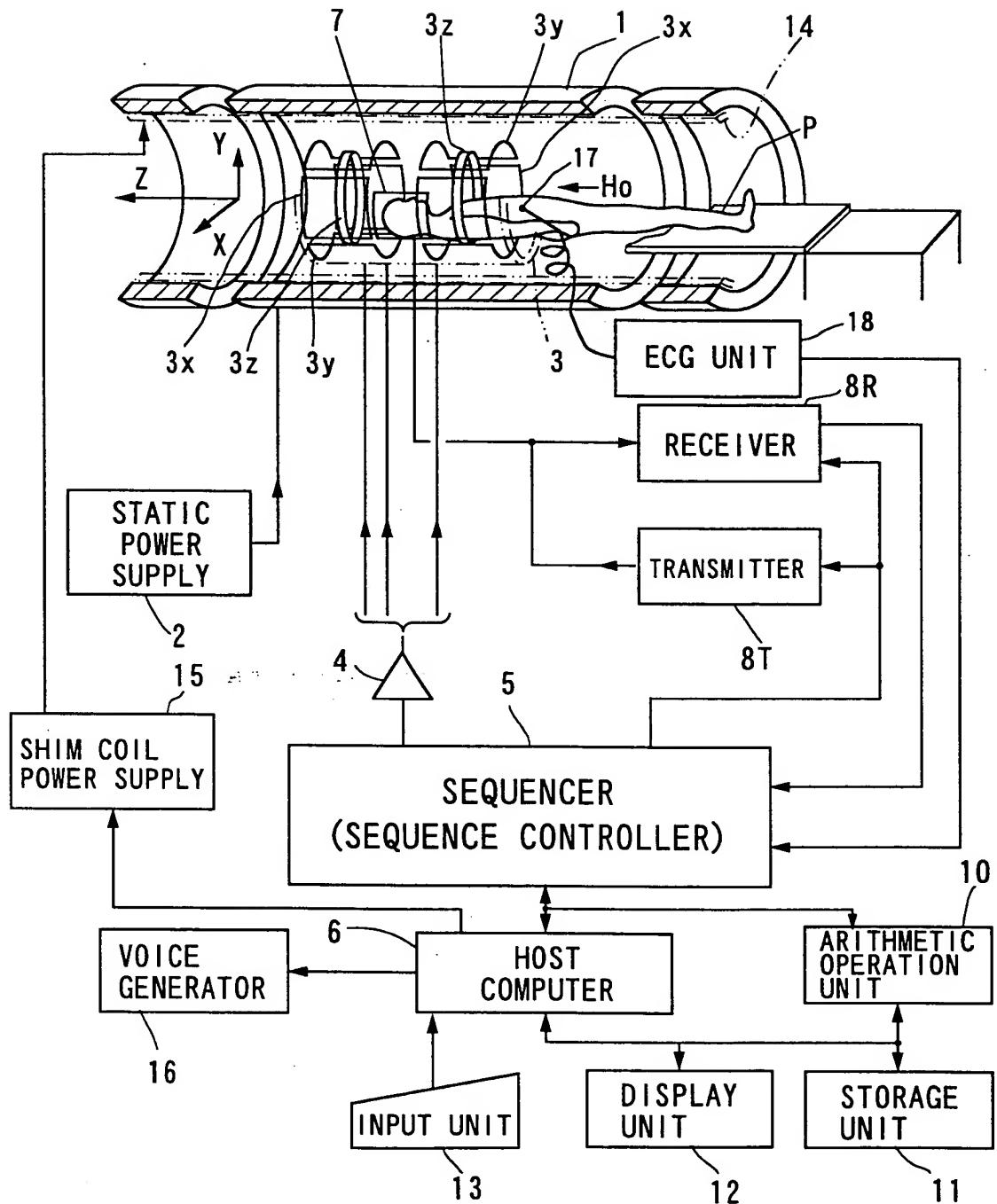


FIG. 2

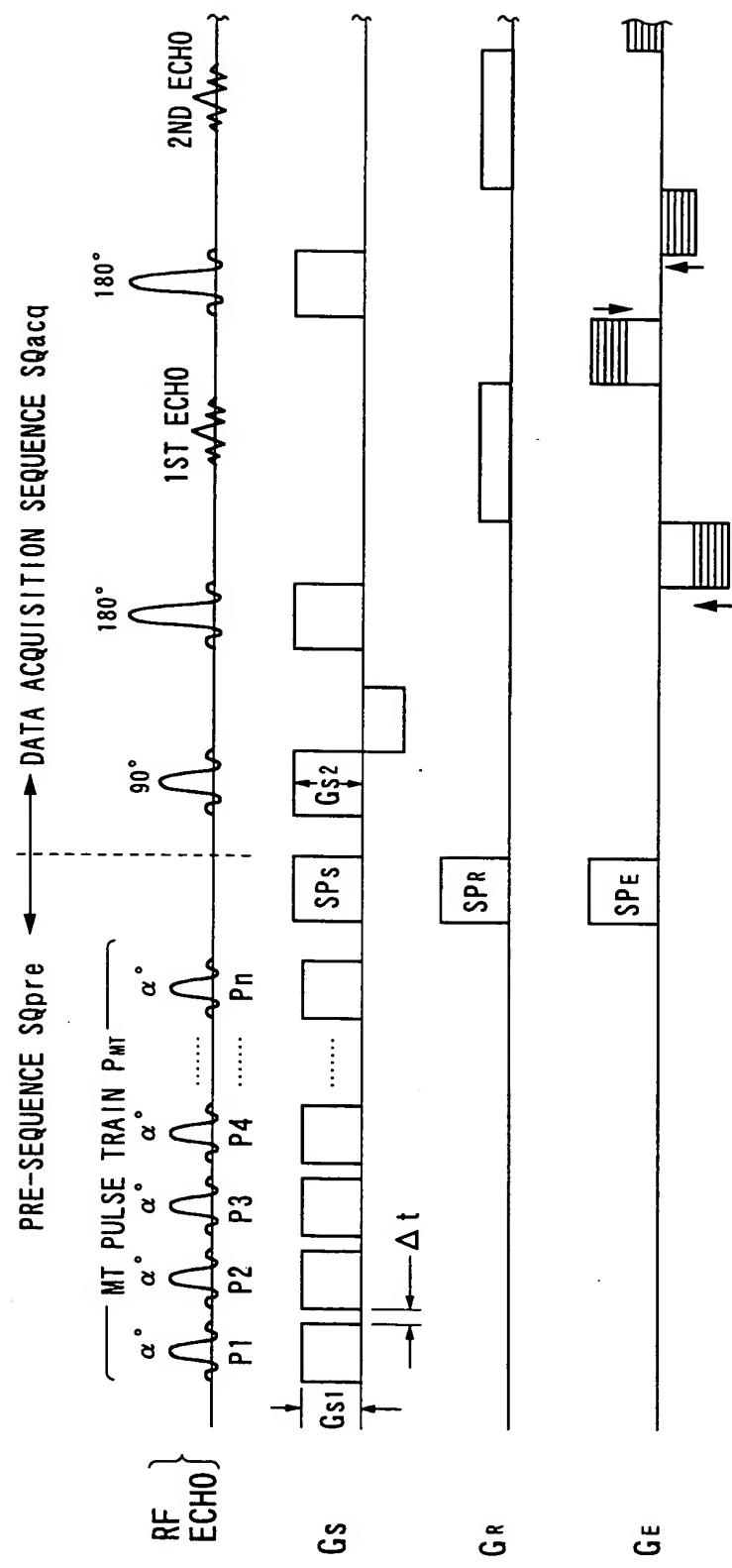


FIG. 3

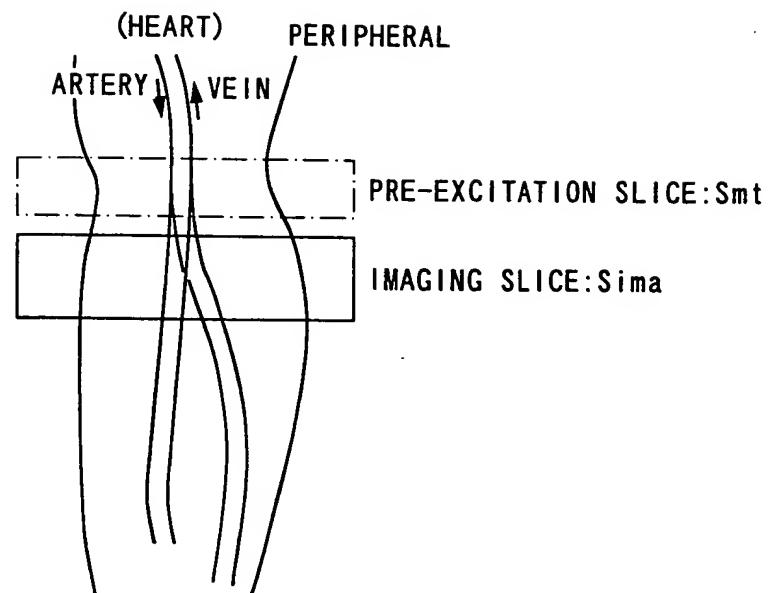


FIG. 4A

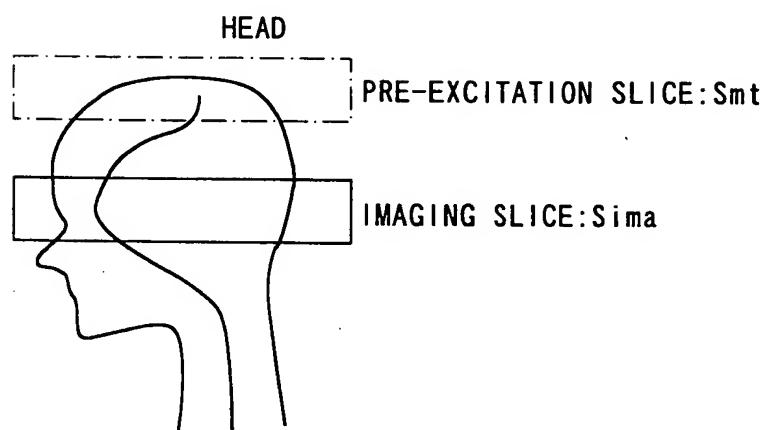


FIG. 4B

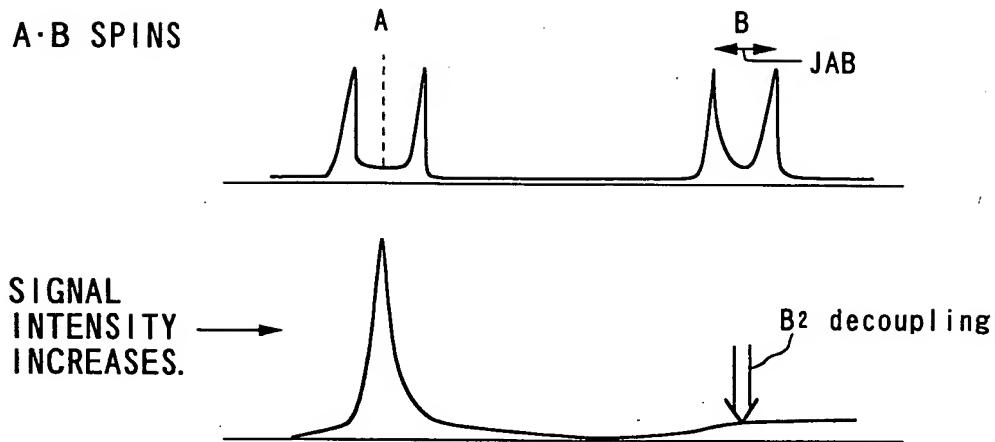
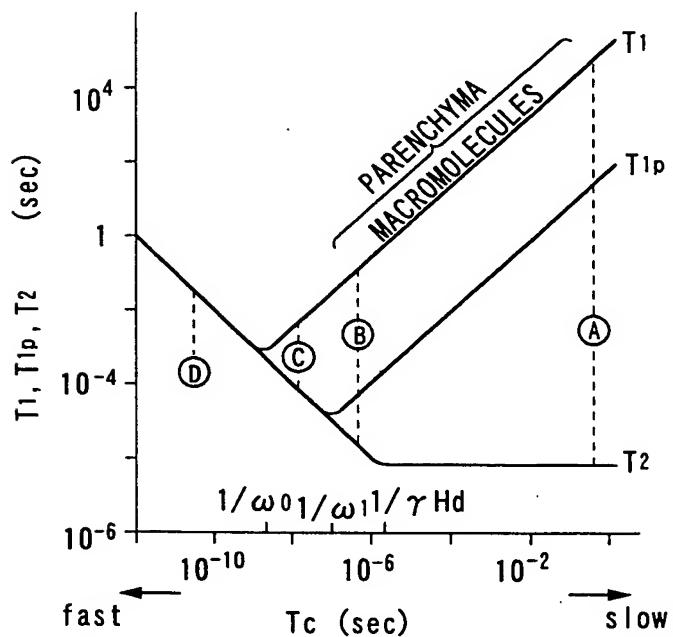


FIG. 5



Tc-DEPENDENCY OF T1, T2 AND Tc

- (A) HARD SOLID
- (B) SOFT SOLID
- (C) HIGH-VISCOSITY LIQUID
- (D) NORMAL LIQUID

FIG. 6

FIG. 7A

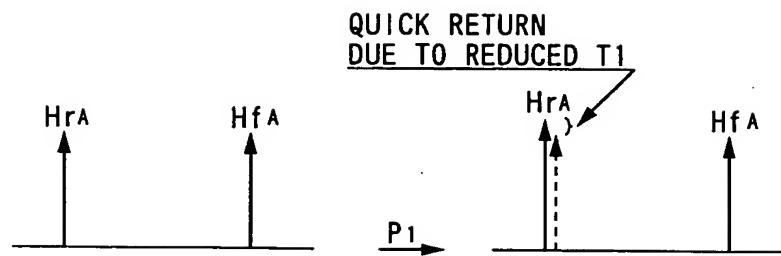
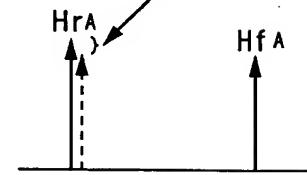


FIG. 7B

QUICK RETURN
DUE TO REDUCED T_1



$P_2 \rightarrow P_3 \rightarrow \dots \rightarrow P_n \rightarrow$

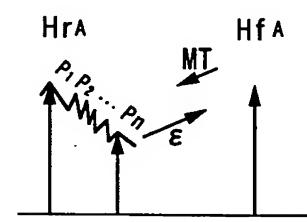


FIG. 7C

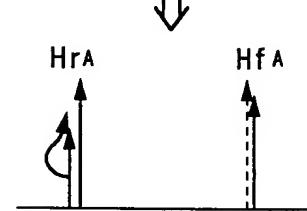


FIG. 7D

PRE-SEQUENCE SQ_{pre} \rightarrow \rightarrow SQ_{acq}

MT PULSE TRAIN

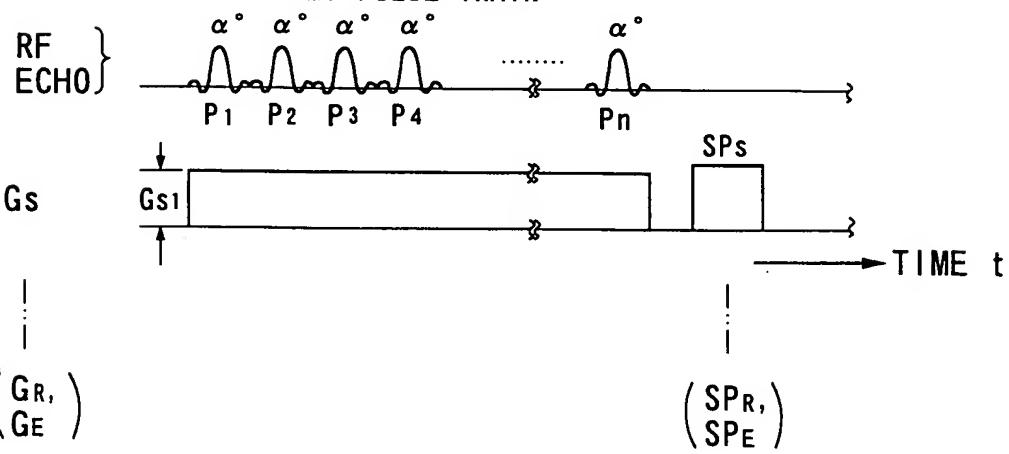


FIG. 8

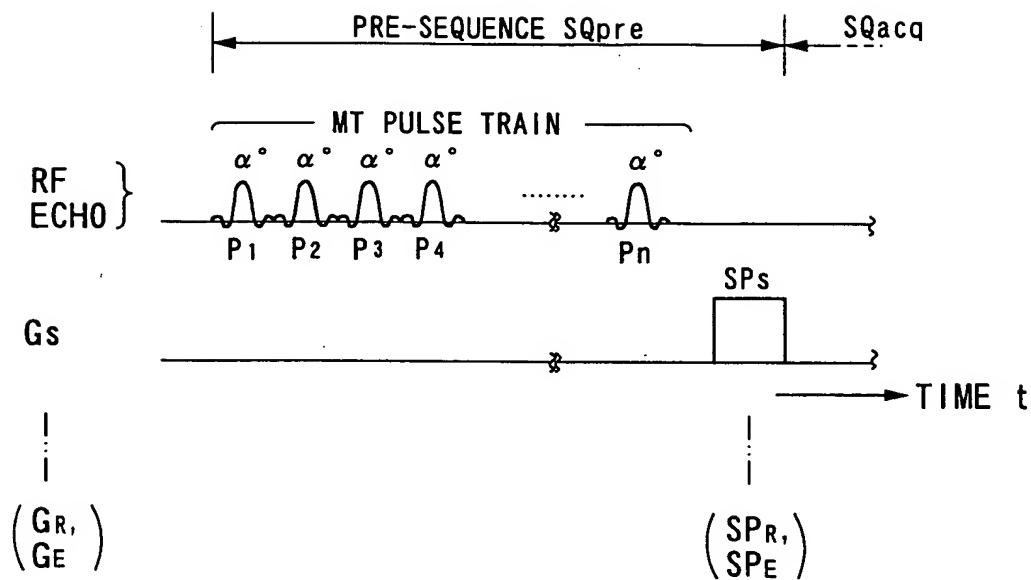


FIG. 9

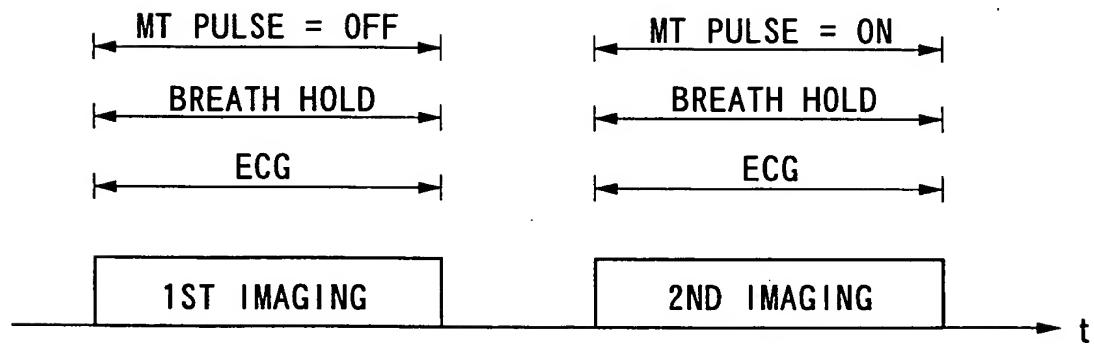


FIG. 10

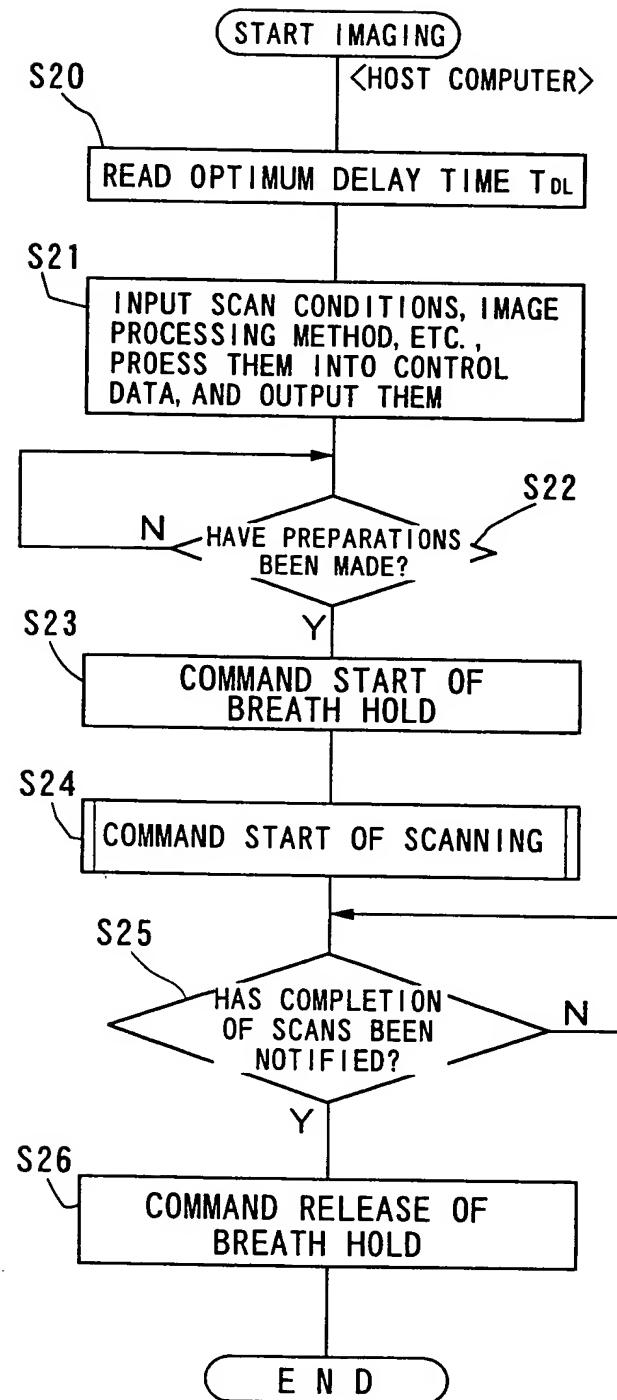


FIG. 11

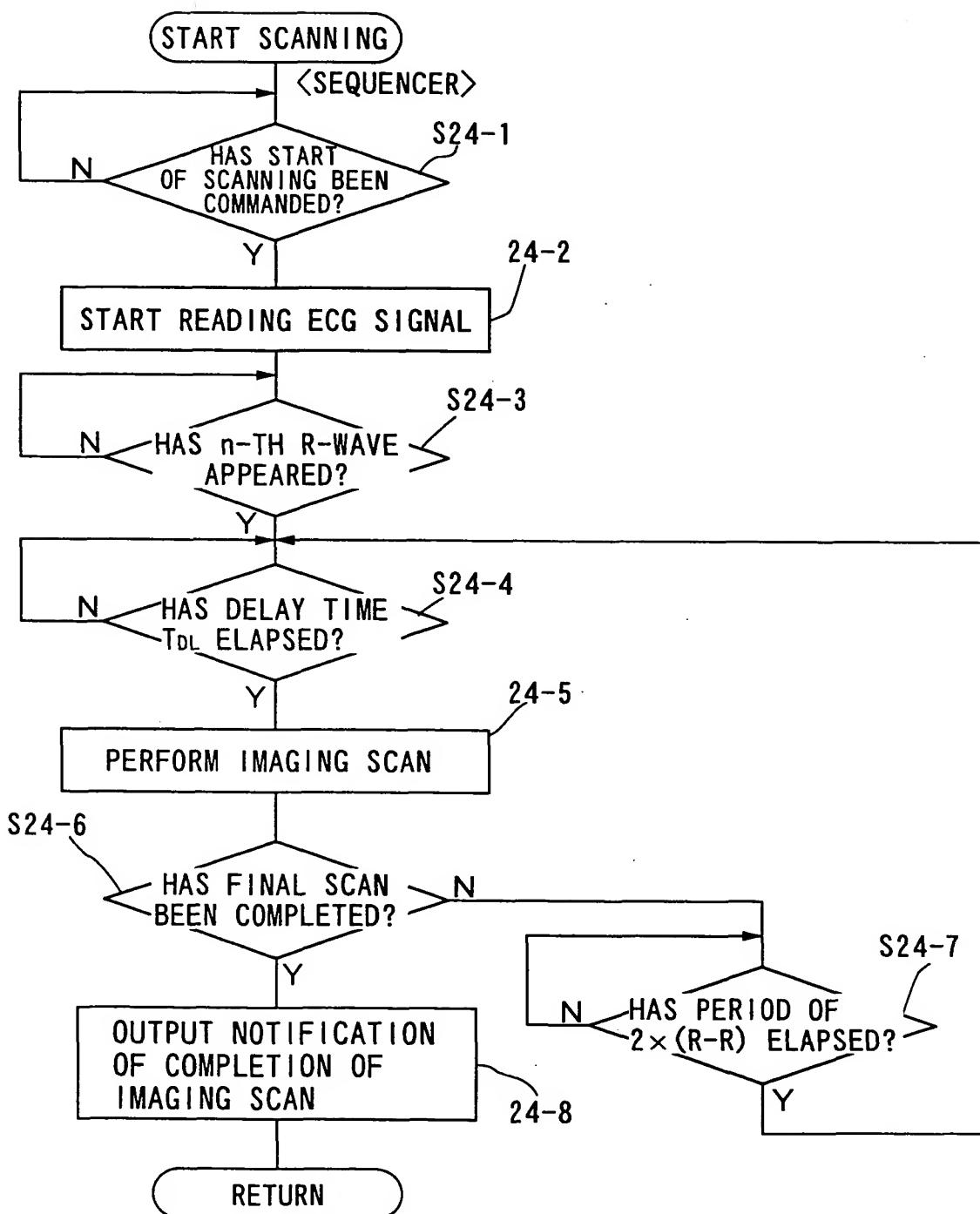


FIG. 12

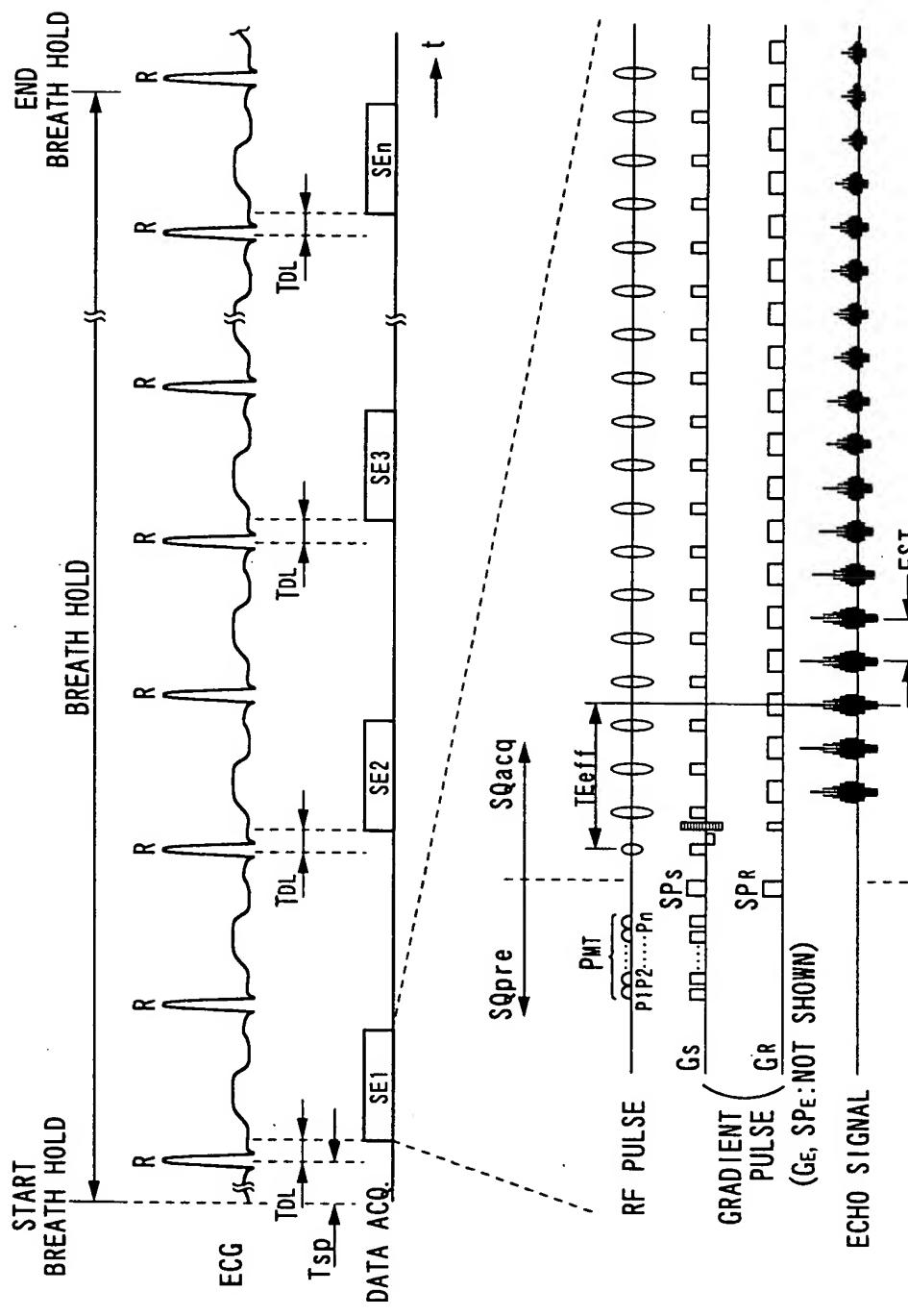


FIG. 13

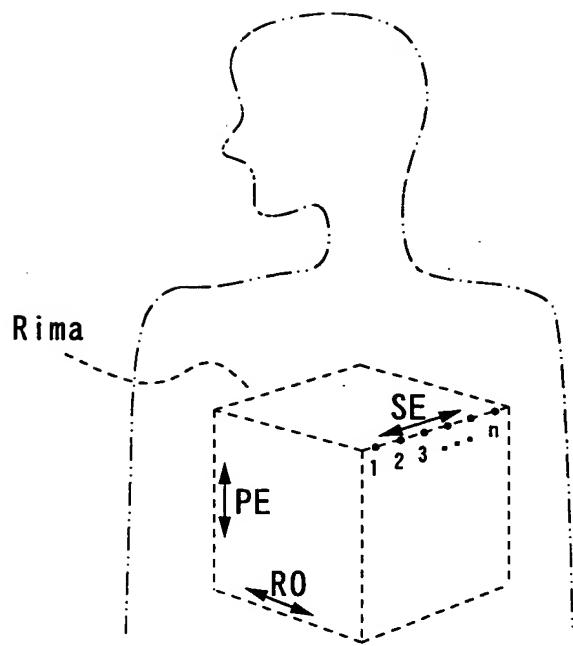


FIG. 14

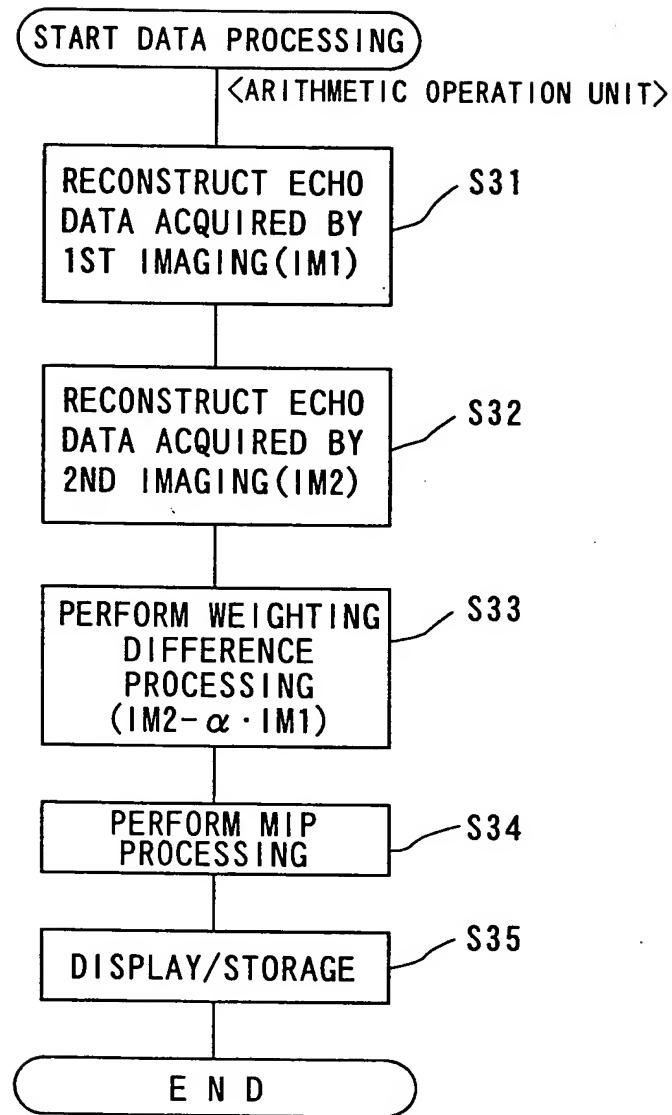
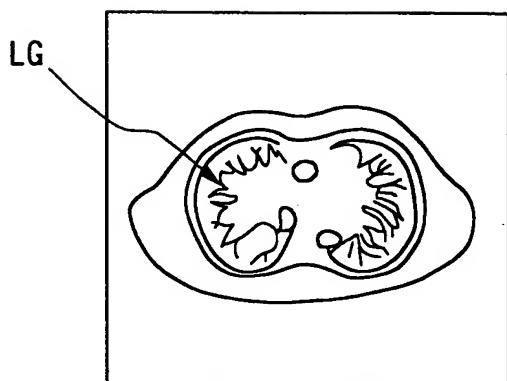


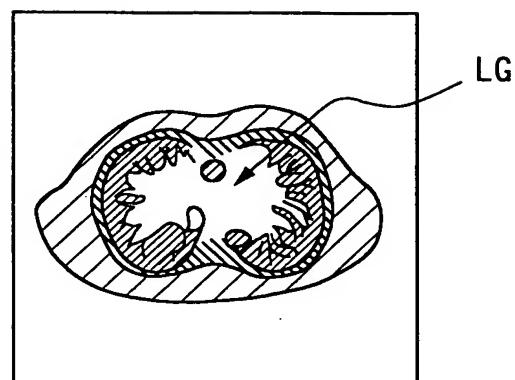
FIG. 15

FIG. 16A



IM1
(MT PULSE=OFF)

FIG. 16B



IM2
(MT PULSE=ON)

$$IM2 - \alpha \cdot IM1$$

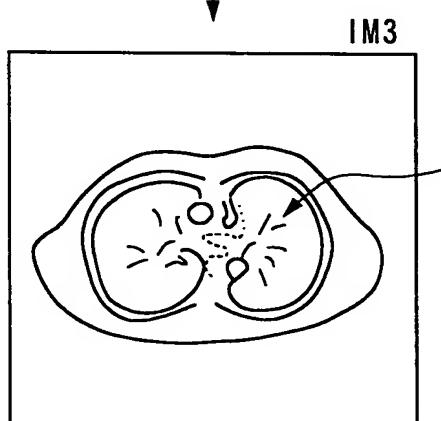


FIG. 16C

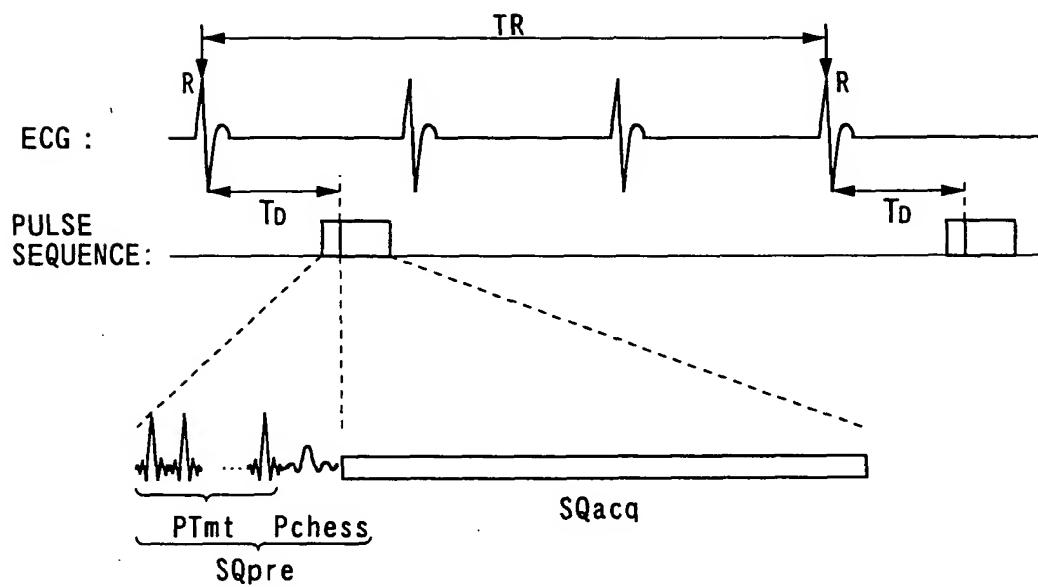
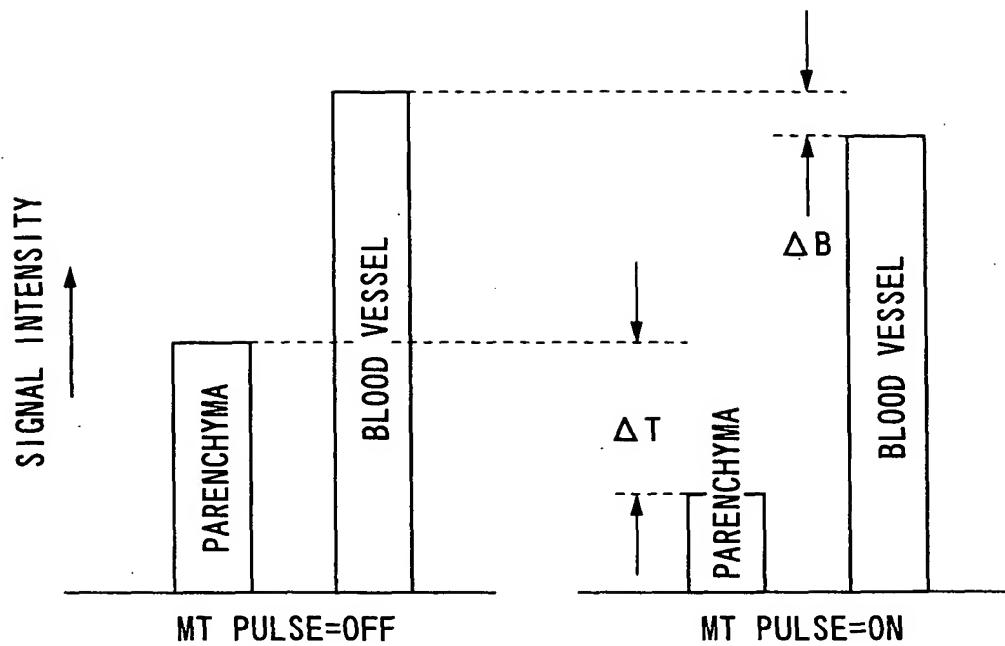


FIG. 18

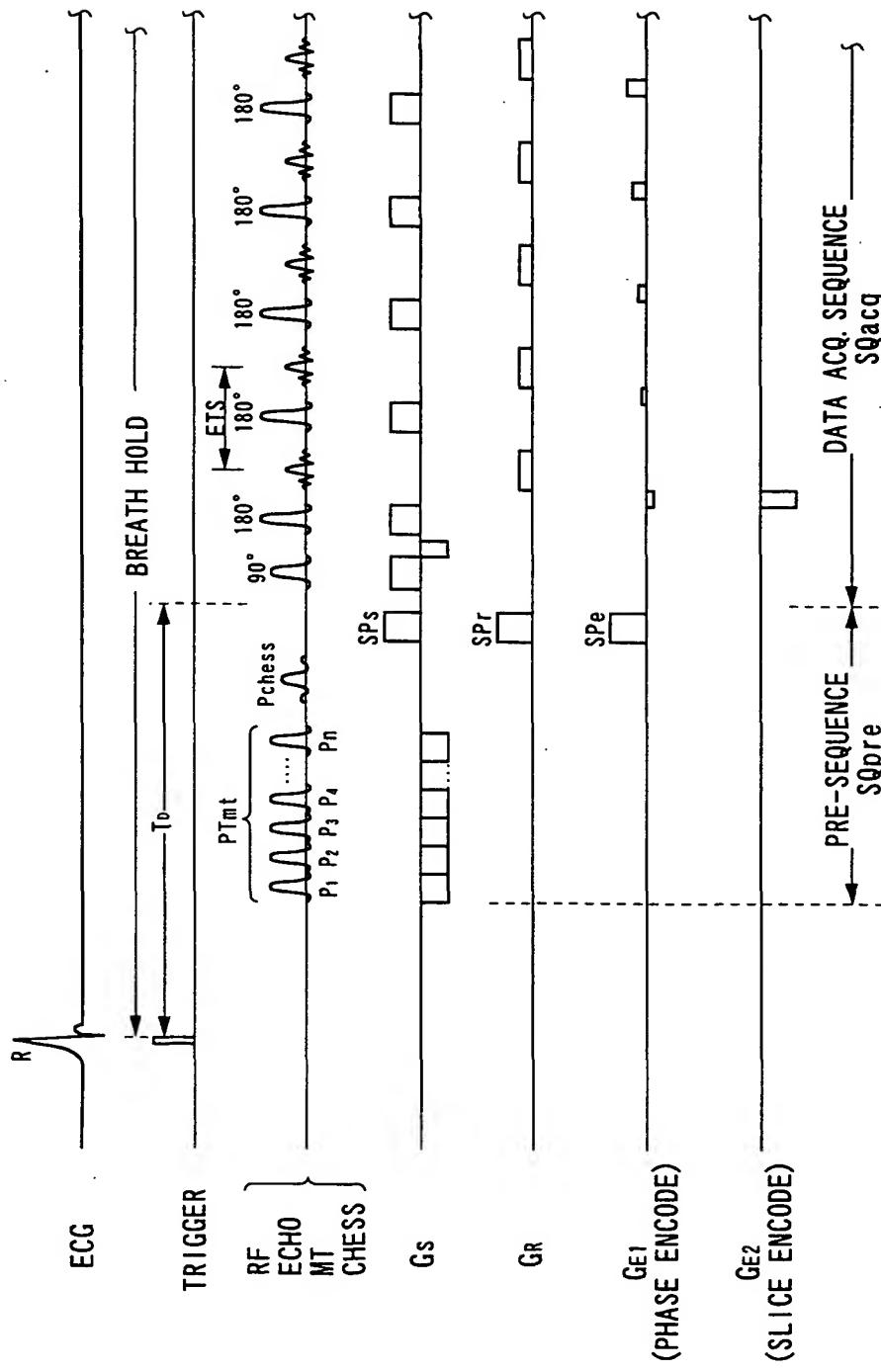


FIG. 19

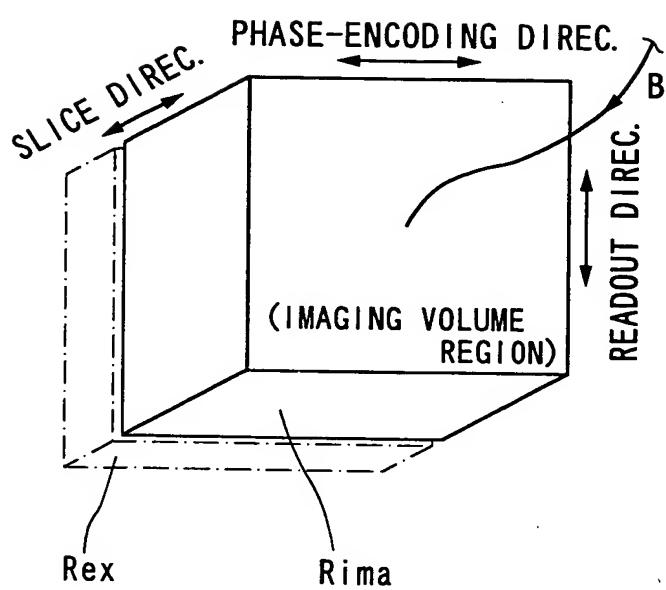


FIG. 20

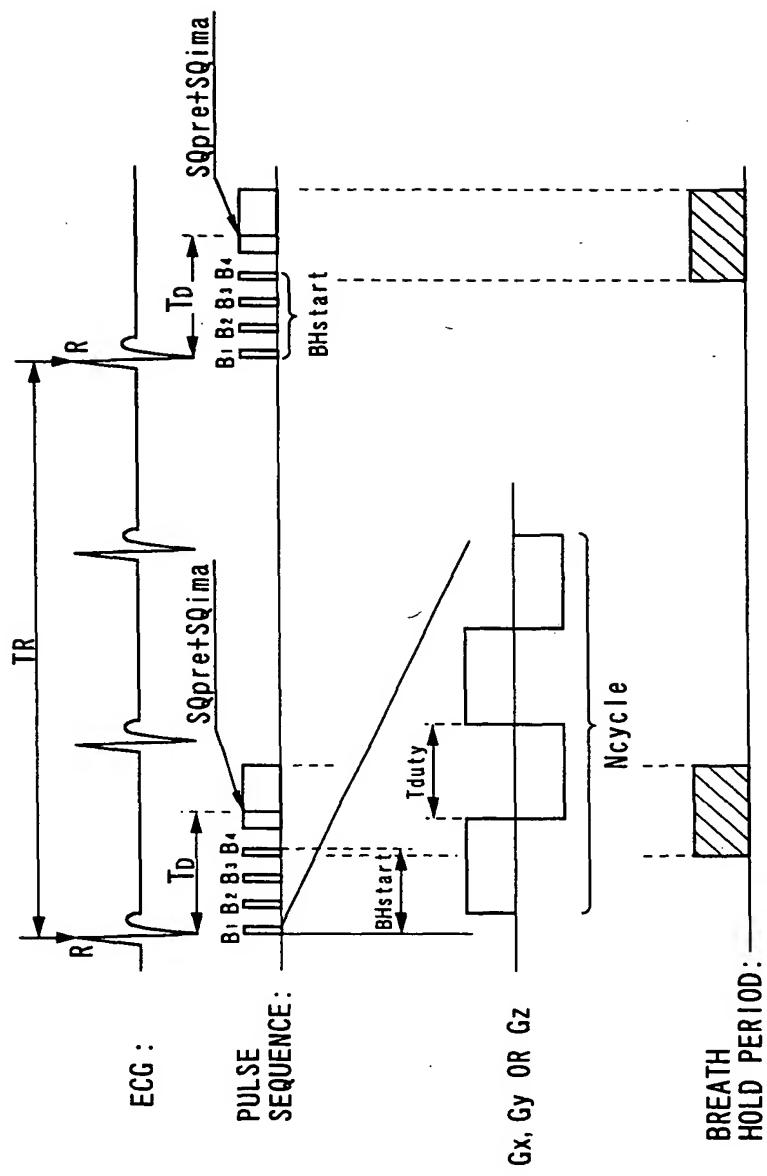


FIG. 21

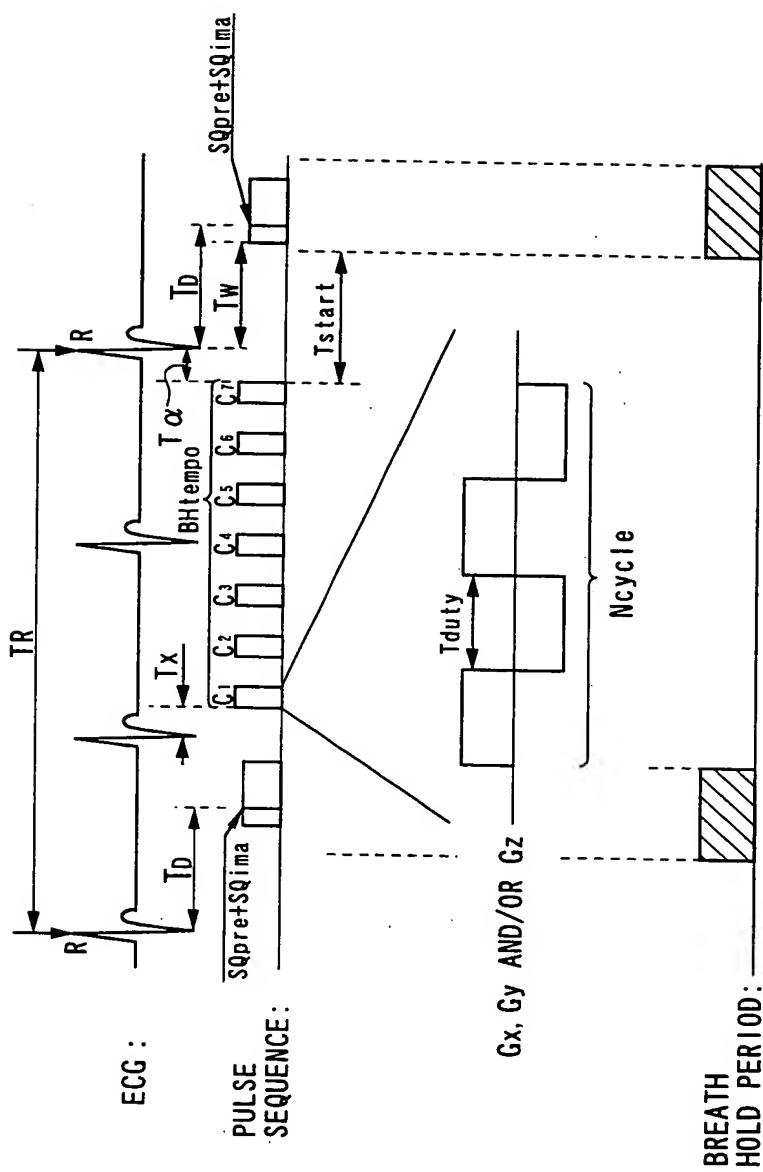


FIG. 22

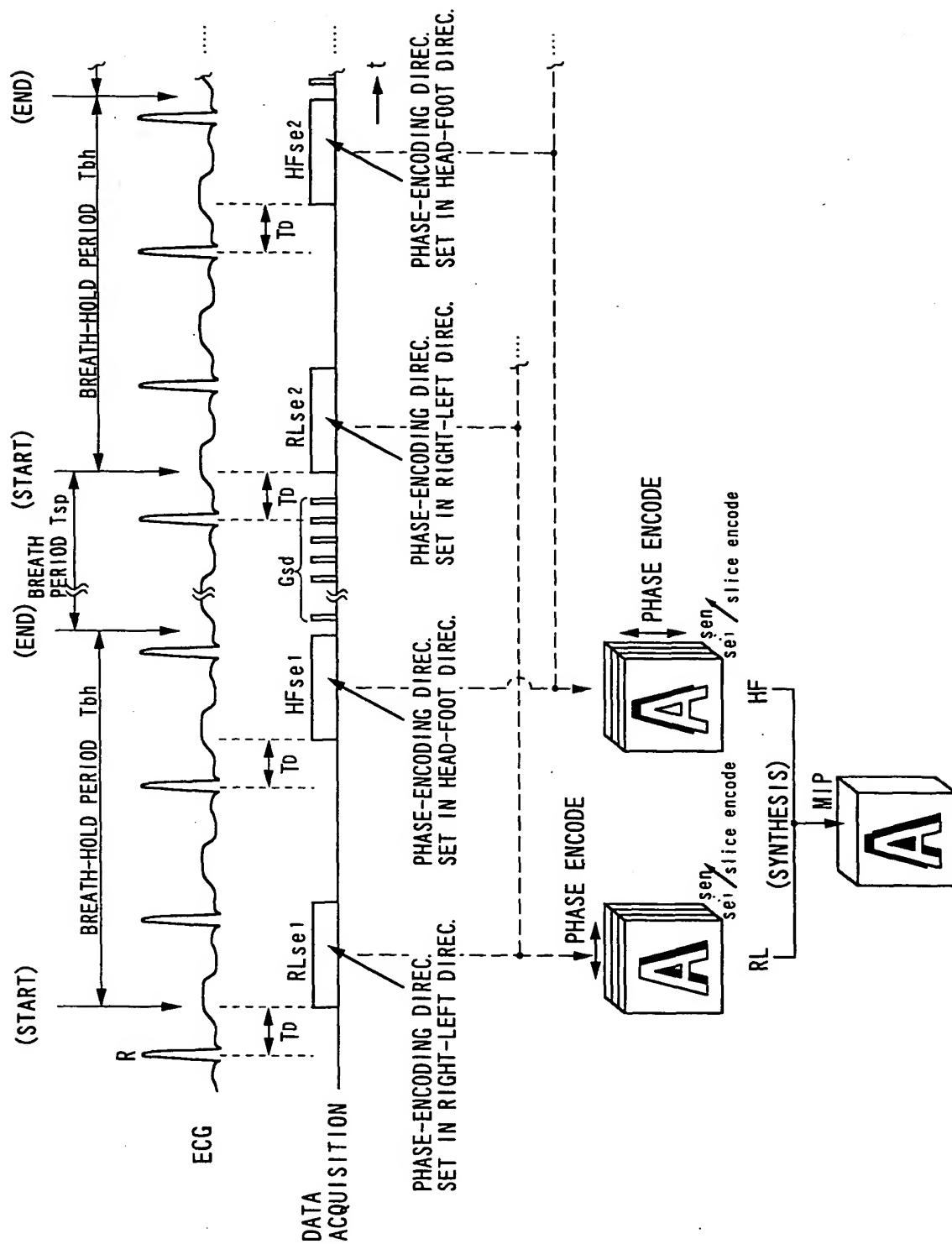


FIG. 23

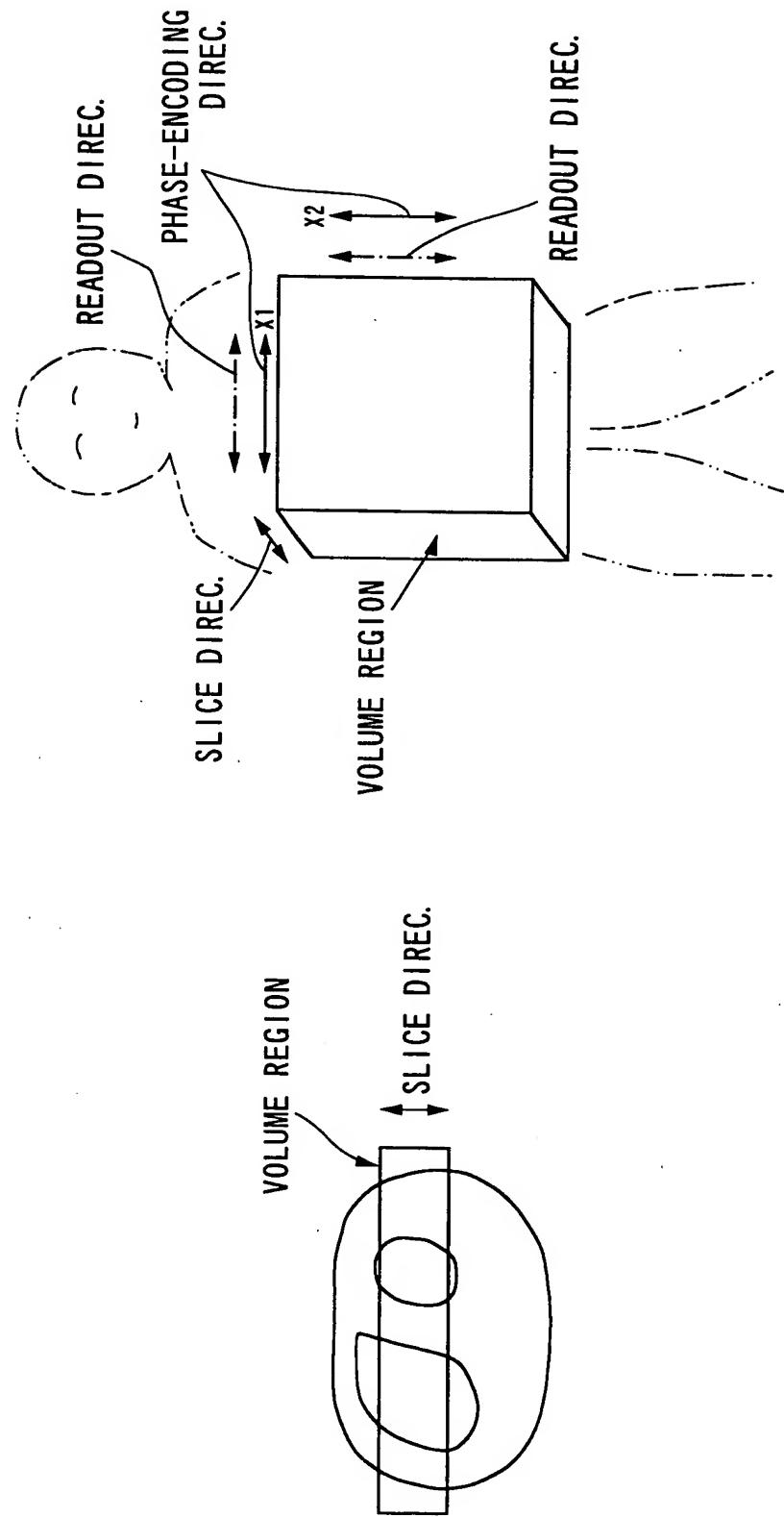


FIG. 24A

FIG. 24B

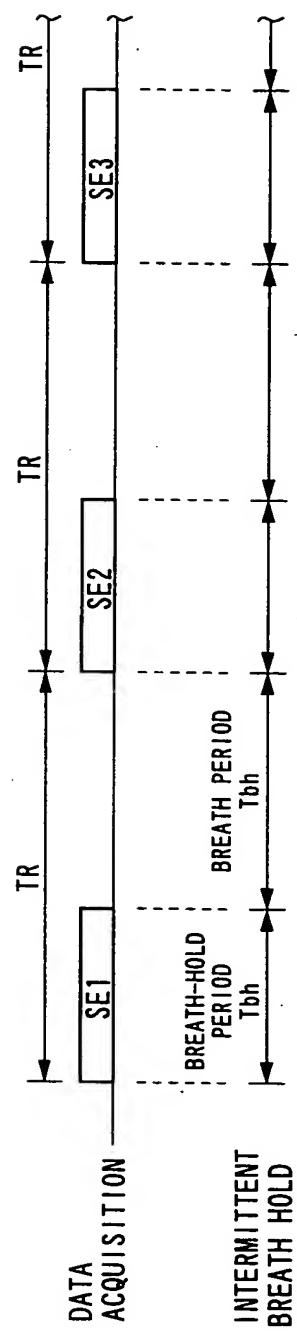


FIG. 25